METHODS AND APPARATUS FOR GENERATING NETWORK TOPOLOGY INFORMATION

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Abstract of the Disclosure

10   According to a specific embodiment of the present invention, methods and apparatus are disclosed for generating network topology information. A first link state packet associated with a first node is identified. A second link state packet associated with a second node is identified. Network topology information associated with the first node is generated using information from the first link state packet. Verification of two-way connectivity between the first node and the second node is deferred until

15   analysis of the second link state packet is initiated for generating network topology information associated with the second node.